

ABSTRACT OF THE DISCLOSURE

Multi-component artificial disc replacements (ADRs) facilitate *in situ* assembly within a disc space. In contrast to single-component ADRs, which use endplates constructed of a single material, assembled ADRs according to the invention allow the use of more than one material, even for the endplates themselves in certain embodiments.

- 5 As such, materials with good wear characteristics such as chrome cobalt can be combined with materials such as Nitinol exhibiting other desirable characteristics such as the elasticity or shape-memory properties. Devices according to the invention can be used for other joints of the body, such as prosthetic knees and hips.